10/560690

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450 ON:

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Name of Person Making Deposit: ROBERT FABER

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| IN THE UNITED STATES PATENT AND TRADEMARK OFFICE                                 |   |  |  |  |  |
|--|---|--|--|--|--|
| In re application of: Michael C. Gaidis  | Date: December 13, 2005   |  |  |  |  |
| Serial Number:   | Examiner:   |  |  |  |  |
| Filed:   | Group Art Unit:   |  |  |  |  |
| Title: PLANAR MAGNETIC TUNNEL JUNCTION SUBSTRATE HAVING RECESSED ALIGNMENT MARKS | IBM Corporation<br>D/18G, B/300, Zip 482<br>2070 Route 52<br>Hopewell Junction, NY 12533-6531 |  |  |  |  |

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure set forth in 37 CFR 1.56, and further pursuant to 37 CFR 1.97 and 37 CFR 1.98, Applicants hereby respectfully submit copies of the non-US patents and publications as listed on Form PTO-1449, attached hereto.

Pursuant to 37 CFR 1.97 (b) (3), no fee is believed to be necessary.

Respectfully submitted, **Michael C. Gaidis** 

James J. Cioffi, Attorney Registration No. 51,564

Tel. (845)894-3363

Enclosure

PAGE 1 OF Z

| FORM PTO-1449 (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary) |           |  | ATTY. DOCKET NO. FIS920030128US1 |                   | sq0/560690  |                        |              |                            |
|--|-----------|--|----------------------------------|-------------------|---|------------------------|--------------|----------------------------|
|  |           |  | APPLICANT: Michael C. Gaidis     |                   |   |                        |              |                            |
|  |           |  | FILING DATE:                     |                   | GROUP:  |                        |              |                            |
| REFEREN  | CE C      | PESIGNATION                              | U.S.                             | PATE              | ENT DOCUMENTS   |                        |              |                            |
| EXAMINER INITIALS  |           | DOCUMENT<br>NUMBER                       | ISSUED<br>DATE                   |                   | NAME  | CLASS                  | SUBCLASS     | FILING DATE<br>(IF APPRO.) |
|  | A1        | 5,923,996                                | 07-13-99                         | SI                | HIH ET AL   |                        |              |                            |
|  | A2        | 5,933,744                                | 08-03-99                         | CF                | IEN ET AL   |                        |              |                            |
|  | АЗ        | 5,899,738                                | 05-04-99                         | W                 | UETAL   |                        |              |                            |
|  | <u>A4</u> | 6,232,200                                | 05-15-01                         | CI                | ΗU  |                        |              |                            |
|  | A5        | 6,080,636                                | 06-27-00                         | Ts                | ENG   |                        |              |                            |
|  | A6        | 6,271,602                                | 08-07-01                         | ACI               | CMANN ET AL   |                        |              |                            |
|  | A7        | 6,307,273                                | 10-23-01                         | CH                | IEN ET AL   |                        |              |                            |
|  | A8        | 6,528,386                                | 03-04-03                         | SUL               | MERFELT ETAL  |                        |              |                            |
|  | A9        | 6,534,378                                | 03-18-03                         | RAM               | KUMAR ET AL.  |                        |              |                            |
|  | A10       | 6,562,710                                | 05-13-03                         | NA                | KAGAWA ET AL  |                        |              |                            |
|  | A11       | 6,562,691                                | 05-13-03                         | CHI               | ang et al   |                        |              |                            |
|  | A12       | 6,599,809                                | 07-29-03                         | ANN               | IA ET AL  |                        |              |                            |
|  |           |  | FOREIGN                          | N PA              | TENT DOCUMENTS  | S                      |              |                            |
|  |           | DOCUMENT<br>NUMBER                       | DATE                             |                   | COUNTRY   | CLASS                  | SUBCLASS     | TRANSLATION YES NO         |
|  | B1        |  |                                  |                   |   |                        |              |                            |
|  | B2        |  |                                  |                   |   |                        |              |                            |
|  | ВЗ        |  |                                  |                   |   |                        |              |                            |
|  |           | OTHER ART                                | (Including A                     | utho              | or, Title, Date, Perti                                | nent Pa                | ges, etc.)   |                            |
|  | C1        |  |                                  |                   |   |                        |              |                            |
|  | C2        |  |                                  |                   |   |                        |              |                            |
| EXAMINER   |           |  | DATE CONSIDERED                  |                   |   |                        |              |                            |
| EXAMINER citation if no  | : Ini     | tial if reference consconformance and no | sidered, whethe                  | er or n<br>Includ | ot citation is in conform<br>e copy of this form with | ance with<br>next comi | MPEP 609. Do | raw line through pplicant. |

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|--|------|--------------------|-------------------------------------|--------------|---------------------------------------|----------|-------------|----------|---------------|
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|  |      |                    |                                     | FILING DATE: | GROUP:                                |          |             |          |               |
| REFERENC   | CE C | ESIGNATION         | U.S.                                | PATE         | ENT DOCUMENTS                         |          |             |          | <del></del>   |
| EXAMINER<br>INITIALS   |      | DOCUMENT<br>NUMBER | ISSUED<br>DATE                      |              | NAME                                  | CLASS    | SUBCLASS    |          | DATE<br>PRO.) |
|  | A1   | 2002/0098707 A1    | 07-25-02                            | Ning         |                                       |          |             |          |               |
|  | A2   | 2002/0096775 A1    | 07-25-02                            | Ning         |                                       |          |             |          |               |
|  | АЗ   | 2001/0049177 A1    | 12-06-01                            | Nagai        | i                                     |          |             |          |               |
|  | A4   | 6,492,269          | 12-10-02                            | Liu et       | al                                    |          |             |          |               |
| 4  | A5   | 5,663,099          | 09-02-97                            | Okab         | e et al                               |          | ş           |          |               |
|  | A6   | 2001/0010938 A1    | 08-02-01                            | Bronn        | er et al                              |          |             |          |               |
|  | Α7   | 6,242,770          | 06-05-01                            | Bronn        | er et al                              |          |             |          |               |
|  |      |                    | FOREIG                              | N PA         | TENT DOCUMENT                         | S        |             |          |               |
|  |      | DOCUMENT<br>NUMBER | DATE                                |              | COUNTRY                               | CLASS    | SUBCLASS    |          | LATION        |
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|  | B1   |                    |                                     |              |                                       |          |             |          | <u> </u>      |
|  | B2   |                    |                                     |              |                                       |          |             |          | <u> </u>      |
|  | В3   |                    |                                     | L            | <del> </del>                          | ,        | <u> </u>    | X        | <del></del>   |
|  |      | OTHER ART          | (Including A                        | lutho        | or, Title, Date, Pert                 | inent Pa | ges, etc.)  |          | ·             |
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|  | C2   |                    |                                     |              |                                       |          |             |          |               |
|  | СЗ   |                    |                                     |              |                                       |          |             |          |               |
|  | C4   |                    |                                     | ų.           |                                       |          |             |          |               |
|  | C5   |                    |                                     |              |                                       |          |             |          |               |
| EXAMINER   |      |                    |                                     |              | DATE CONSIDER                         | ED       |             |          |               |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.